JOURNAL OF POWDER METALLURGY

TABLE OF CONTENTS FOR VOLUME 36, NUMBERS 1-8, 2000

36/1 JANUARY/FEBRUARY 2000

4 ___ EDITOR'S NOTE
6 ___ NEWSMAKER: H.A. FERGUSON
9 ___ P/M INDUSTRY NEWS
20 ___ CONSULTANTS' CORNER: L. F. PEASE, III
25 ___ COMPANY PROFILE: UNITED STATES BRONZE POWDERS, INC.
29 ___ IN SITU STRENGTH EVOLUTION OF P/M COMPACTS DURING SINTERING, *G.A. Shoales and R.M. German*
39 ___ CORROSION BEHAVIOR OF P/M COMPONENTS FOR GASOLINE INJECTORS, *S. Rossi, F. Deflorian, P.L. Bonora, S. Bottacin and R. Moschini*
49 ___ SINTER-HARDENING AND HARDENABILITY, *E. Duchesne, G. L'Espérance and A. de Rege*
61 ___ THE ENCHANTED WORLD OF METAL FIBERS, *R. De Bruyne and L. Oster*
18 ___ APMI NEWS
66 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
67 ___ INSTRUCTIONS FOR AUTHORS
69 ___ MEETINGS AND CONFERENCES
71 ___ U.S. PATENTS
72 ___ ADVERTISER'S INDEX

36/2 MARCH 2000

4 ___ EDITOR'S NOTE
6 ___ READER'S FORUM
8 ___ NEWSMAKER: W.H. MICHAEL
11 ___ P/M INDUSTRY NEWS
21 ___ COMPANY PROFILE: STACKPOLE LIMITED
27 ___ CONSULTANTS' CORNER: B.H. PITTENGER
31 ___ RESONANT INSPECTION IN P/M, *J.D. Kantola*
37 ___ TECHNOLOGY ADVANCES FUEL INDUSTRY GROWTH
47 ___ ELEVATED TEMPERATURE STABILITY OF POWDER PROCESSED AL-FE-NI, *E.Y. Gutmanas, O. Botstein and A. Lawley*
57 ___ MICROSTRUCTURAL EVOLUTION IN P/M HYPEREUTECTIC AL-SI ALLOYS CONTAINING FE AND NI, *R.M. Gomes, T. Kimura, L. Schaeffer, T. Sato and A. Kamio*
17 ___ APMI NEWS
65 ___ BOOK REVIEW
66 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
67 ___ CONFERENCE REPORT
68 ___ MEETINGS AND CONFERENCES
69 ___ U.S. PATENTS
71 ___ P/M BOOKSHELF
72 ___ ADVERTISER'S INDEX

36/3 APRIL 2000

4 ___ EDITOR'S NOTE
6 ___ NEWSMAKER: T.E. FRIDAY
9 ___ P/M INDUSTRY NEWS
21 ___ COMPANY PROFILE: ELNIK SYSTEMS, INC.
25 ___ CONSULTANTS' CORNER: H. I. SANDEROW
29 ___ POWDER INJECTION MOLDING: CURRENT AND LONG TERM OUTLOOK, *P.A. Hauck*
31 ___ THE SCIENTIFIC STATUS OF METAL POWDER INJECTION MOLDING, *R.M. German*
37 ___ OPTIMIZING COMPONENT DESIGNS FOR METAL INJECTION MOLDING, *A.D. Hanson and S.C. Perruzza*
43 ___ METAL POWDERS AND FEEDSTOCKS FOR METAL INJECTION MOLDING, *K.M. Kulkarni*
53 ___ METAL INJECTION MOLDING: MEDICAL APPLICATIONS, *T.A. Tomlin*
19 ___ APMI NEWS
58 ___ STANDARDS UPDATE
59 ___ MEETINGS AND CONFERENCES
60 ___ INSTRUCTIONS FOR AUTHORS
62 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
63 ___ U.S. PATENTS
70 ___ P/M BOOKSHELF
72 ___ ADVERTISER'S INDEX

36/4 MAY/JUNE 2000

4 ___ EDITOR'S NOTE
7 ___ READER'S FORUM
9 ___ NEWSMAKER: H.I. SANDEROW
13 ___ P/M INDUSTRY NEWS
31 ___ EXHIBITOR SHOWCASE: $PM^2TEC2000$
43 ___ COMPANY PROFILE: OSRAM SYLVANIA PRODUCTS INC.
47 ___ CONSULTANTS' CORNER: P.W. TAUBENBLAT
49 ___ PRODUCTION OF STEEL POWDER BY ROTATING ELECTRODE PROCESSES: ECONOMIC ANALYSES, *D.A. Chiango, J.A. Isaacs, and S.A. Miller*
57 ___ CORROSION MODES IN P/M FERRITIC STAINLESS STEELS, *M.C. Baran and B.A. Shaw*
69 ___ TAKING A POWDER: LASER PROCESSING, *R. Irving*
27 ___ APMI NEWS
76 ___ BOOK REVIEW
78 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
79 ___ MEETINGS AND CONFERENCES
80 ___ ADVERTISER'S INDEX

JOURNAL OF POWDER METALLURGY

TABLE OF CONTENTS FOR VOLUME 36, NUMBERS 1-8, 2000

36/1 JANUARY/FEBRUARY 2000

4 ___ EDITOR'S NOTE
6 ___ NEWSMAKER: H.A. FERGUSON
9 ___ P/M INDUSTRY NEWS
20 ___ CONSULTANTS' CORNER: L. F. PEASE, III
25 ___ COMPANY PROFILE: UNITED STATES BRONZE POWDERS, INC.
29 ___ IN SITU STRENGTH EVOLUTION OF P/M COMPACTS DURING SINTERING, *G.A. Shoales and R.M. German*
39 ___ CORROSION BEHAVIOR OF P/M COMPONENTS FOR GASOLINE INJECTORS, *S. Rossi, F. Deflorian, P.L. Bonora, S. Bottacin and R. Moschini*
49 ___ SINTER-HARDENING AND HARDENABILITY, *E. Duchesne, G. L'Espérance and A. de Rege*
61 ___ THE ENCHANTED WORLD OF METAL FIBERS, *R. De Bruyne and L. Oster*
18 ___ APMI NEWS
66 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
67 ___ INSTRUCTIONS FOR AUTHORS
69 ___ MEETINGS AND CONFERENCES
71 ___ U.S. PATENTS
72 ___ ADVERTISER'S INDEX

36/2 MARCH 2000

4 ___ EDITOR'S NOTE
6 ___ READER'S FORUM
8 ___ NEWSMAKER: W.H. MICHAEL
11 ___ P/M INDUSTRY NEWS
21 ___ COMPANY PROFILE: STACKPOLE LIMITED
27 ___ CONSULTANTS' CORNER: B.H. PITTENGER
31 ___ RESONANT INSPECTION IN P/M, *J.D. Kantola*
37 ___ TECHNOLOGY ADVANCES FUEL INDUSTRY GROWTH
47 ___ ELEVATED TEMPERATURE STABILITY OF POWDER PROCESSED AL-FE-NI, *E.Y. Gutmanas, O. Botstein and A. Lawley*
57 ___ MICROSTRUCTURAL EVOLUTION IN P/M HYPEREUTECTIC AL-SI ALLOYS CONTAINING FE AND NI, *R.M. Gomes, T. Kimura, L. Schaeffer, T. Sato and A. Kamio*
17 ___ APMI NEWS
65 ___ BOOK REVIEW
66 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
67 ___ CONFERENCE REPORT
68 ___ MEETINGS AND CONFERENCES
69 ___ U.S. PATENTS
71 ___ P/M BOOKSHELF
72 ___ ADVERTISER'S INDEX

36/3 APRIL 2000

4 ___ EDITOR'S NOTE
6 ___ NEWSMAKER: T.E. FRIDAY
9 ___ P/M INDUSTRY NEWS
21 ___ COMPANY PROFILE: ELNIK SYSTEMS, INC.
25 ___ CONSULTANTS' CORNER: H. I. SANDEROW
29 ___ POWDER INJECTION MOLDING: CURRENT AND LONG TERM OUTLOOK, *P.A. Hauck*
31 ___ THE SCIENTIFIC STATUS OF METAL POWDER INJECTION MOLDING, *R.M. German*
37 ___ OPTIMIZING COMPONENT DESIGNS FOR METAL INJECTION MOLDING, *A.D. Hanson and S.C. Perruzza*
43 ___ METAL POWDERS AND FEEDSTOCKS FOR METAL INJECTION MOLDING, *K.M. Kulkarni*
53 ___ METAL INJECTION MOLDING: MEDICAL APPLICATIONS, *T.A. Tomlin*
19 ___ APMI NEWS
58 ___ STANDARDS UPDATE
59 ___ MEETINGS AND CONFERENCES
60 ___ INSTRUCTIONS FOR AUTHORS
62 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
63 ___ U.S. PATENTS
70 ___ P/M BOOKSHELF
72 ___ ADVERTISER'S INDEX

36/4 MAY/JUNE 2000

4 ___ EDITOR'S NOTE
7 ___ READER'S FORUM
9 ___ NEWSMAKER: H.I. SANDEROW
13 ___ P/M INDUSTRY NEWS
31 ___ EXHIBITOR SHOWCASE: $PM^2TEC2000$
43 ___ COMPANY PROFILE: OSRAM SYLVANIA PRODUCTS INC.
47 ___ CONSULTANTS' CORNER: P.W. TAUBENBLAT
49 ___ PRODUCTION OF STEEL POWDER BY ROTATING ELECTRODE PROCESSES: ECONOMIC ANALYSES, *D.A. Chiango, J.A. Isaacs, and S.A. Miller*
57 ___ CORROSION MODES IN P/M FERRITIC STAINLESS STEELS, *M.C. Baran and B.A. Shaw*
69 ___ TAKING A POWDER: LASER PROCESSING, *R. Irving*
27 ___ APMI NEWS
76 ___ BOOK REVIEW
78 ___ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
79 ___ MEETINGS AND CONFERENCES
80 ___ ADVERTISER'S INDEX

36/5 JULY/AUGUST 2000

4 __ EDITOR'S NOTE
7 __ READER'S FORUM
11 __ NEWSMAKER: Y. KIM
13 __ P/M INDUSTRY NEWS
31 __ COMPANY PROFILE: F.W. WINTER, INC.
35 __ CONSULTANTS' CORNER: M.I. JAFFE
41 __ STATE-OF-THE-P/M INDUSTRY IN NORTH AMERICA - 2000, *D.G. White*
49 __ OUTSTANDING P/M DESIGNS REPLACE STAMPED, CAST AND MACHINED PARTS, *P.K. Johnson*
57 __ MONITORING TRANSIENT LIQUID PHASE SINTERING OF CU-SN ALLOYS BY THERMAL ANALYSIS, *B. Reyburn and S. Corbin*
28 __ APMI NEWS
69 __ CONFERENCE REPORT
73 __ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
75 __ MEETINGS AND CONFERENCES
77 __ U.S. PATENTS
79 __ P/M BOOKSHELF
80 __ ADVERTISER'S INDEX

36/6 SEPTEMBER 2000

4 __ EDITOR'S NOTE
6 __ NEWSMAKER: S. BINGERT
9 __ P/M INDUSTRY NEWS
27 __ PM WORLD CONGRESS IN KYOTO
31 __ COMPANY PROFILE: CSM INDUSTRIES, INC.
35 __ CONSULTANTS' CORNER: H. NAYAR
41 __ ALUMINUM P/M: PAST, PRESENT AND FUTURE, *F. Beaumont*
45 __ P/M ALUMINUM STRUCTURAL PARTS - MANUFACTURING AND METALLURGICAL FUNDAMENTALS, *C. Lall and W. Heath*
51 __ NEW DIRECTIONS IN ALUMINUM-BASED P/M MATERIALS FOR AUTOMOTIVE APPLICATIONS, *W.H. Hunt Jr.*
61 __ ULTRA-LIGHTWEIGHT ALUMINUM FOAM MATERIALS FOR AUTOMOTIVE APPLICATIONS, *T. D. Claar, C-J Yu, I. Hall, J. Banhart, J. Baumeister and W. Seeliger*
23 __ APMI NEWS
74 __ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
75 __ MEETINGS AND CONFERENCES
77 __ U.S. PATENTS
78 __ APMI MEMBERSHIP APPLICATION
79 __ P/M BOOKSHELF
80 __ ADVERTISER'S INDEX

36/7 OCTOBER 2000

4 __ EDITOR'S NOTE
7 __ P/M METALLOGRAPHY COMPETITION: GRAND PRIZE AND ARTISTIC CATEGORY WINNERS
13 __ NEWSMAKER: M. WRIGHT
17 __ P/M INDUSTRY NEWS
29 __ COMPANY PROFILE: PRÉCITECH INC.
33 __ POWDER METALLURGY AT THE UNIVERSIDAD CARLOS III DE MADRID, *J.M. Torralba and M.A. Martinez*
38 __ CONSULTANTS' CORNER: W. HUNT
41 __ J. FUHRER
42 __ E. GABORIAULT
43 __ F. TANG
44 __ X. XU
46 __ SINTERING AND EVOLUTION OF MICROSTRUCTURE IN TIC-NI_3AL CERMETS, *T.N. Tiegs, J.L. Schroeder, F.C. Montgomery and D.L. Baker*
58 __ NUMERICAL SIMULATION OF ANISOTROPY IN SINTERING DUE TO PRIOR COMPACTION, *A. Zavaliangos and D. Bouvard*
24 __ APMI NEWS
66 __ BOOK REVIEWS
68 __ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
69 __ CONFERENCE REPORT
71 __ MEETINGS AND CONFERENCES
32 __ P/M BOOKSHELF
72 __ ADVERTISER'S INDEX

36/8 NOVEMBER/DECEMBER 2000

4 __ EDITOR'S NOTE
7 __ P/M METALLOGRAPHY COMPETITION: ARTISTIC - BLACK & WHITE, PRODUCT/ PROCESS CONTROL AND TECHNICAL SERVICE
12 __ NEWSMAKER: J. HEBEISEN
15 __ P/M INDUSTRY NEWS
28 __ COMPANY PROFILE: MII TECHNOLOGIES
31 __ CONSULTANTS' CORNER: O. GRINDER
35 __ SWITCHING PERFORMANCE OF W-AG ELECTRICAL CONTACTS FABRICATED BY MECHANICAL ALLOYING, *Z. Aslanoğlu, Y. Karakas, and M.L. Övecoğlu*
45 __ DISPERSION HARDENED CU-AL_2O_3 PRODUCED BY HIGH ENERGY MILLING, *V.M. Rajkovic and M.V. Mitkov*
24 __ APMI NEWS
50 __ BOOK REVIEW
51 __ EMPLOYMENT OPPORTUNITIES/CLASSIFIED
52 __ MEETINGS AND CONFERENCES
53 __ U.S. PATENTS
44 __ P/M BOOKSHELF
62 __ TABLE OF CONTENTS: VOLUME 36, NUMBER 1-8, 2000
64 __ ADVERTISER'S INDEX